NOTICE: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

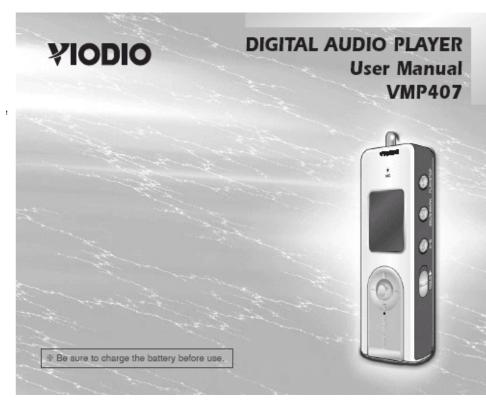
IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

NOTICE: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

NOTICE: This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

KAD68-04771A



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Features

- MP3, WMA Playback
 Store and play Microsoft WMA/MP3 files.
- FM Receiving and Recording
 Receive FM transmissions and record FM sound into MP3 file format.
- High-Quality MP3 Voice Recording Save and play back voice signals into MP3 files of the highest sound quality.
- MP3 Recording from External Audio Input Signals
 Convert and save audio signals from all types
 of analogue audio devices into MP3 files with out using a PC.
- Lyrics Editor
 Provides an Lyrics Editing Program and displays three-line lyrics.
- 96X64 dot 2-Color (Orange/Blue) 16 gray OLED
 Uses OLED which can display high definition image files and moving picture frames.
- Convenient Firmware Upgrade
 Download upgrade files, restart the player, and files are automatically upgraded. This function enables you to always use the latest Functions.

. Variable Bit Rate Setting

You can adjust audio recording quality by changing bit rates for voice recording or line-in recording according to place or time. This function enables you to use the memory effectively.

- Speed Control
 Control the playback speed fast or slow.
- IMAGE EDITOR Program
 Provides an Image Editor Program to edit image files and moving image frame files at will
- Built-in Rechargeable Li-polymer Battery
 Easily recharge the battery through the USB of a PC, or external outlet. No need to purchase extra batteries.
- Bluetooth
- Display Caller ID.
- Pairing for up to 3 Bluetooth enabled devices.
- Supports both Headset and Handsfree profiles.
- Low Power Consumption.

Precautions

Read and Understand all the instructions to avoid injury to yourself and damage to the equipment.

Do not expose to extremely high temperatures (over 35°C/95°F), low temperatures (below -5°C/23°F), direct sunlight, inside a car, dusty areas, or high-humidity area such as bathrooms.







To clean, use a dry soft cloth. Do not use any solvents, benzene, or thinners.

(Such materials may damage the surface or affect the color of the product.)



Do not apply excessive pressure to the LCD. Do not disassemble, repair, or convert the product yourself. The company is not responsible for the loss of files caused by damage, repair or any other reasons.

Be aware that this product may affect Credit Cards and any other magnetic cards due to the magnetic device inside.



Do not let any foreign matter get into the product. If water or any other liquid is spilt into the product, stop using it and contact a service center.

Safety Precautions

- 1. Listening to music at a high volume for long periods of time may damage your hearing.
- 2. Do not repair, disassemble, or alter the product yourself.
- 3. Do not use the product where it is prohibited to use electronics devices (i.e. in an airplane)
- 4. It is dangerous to drive a car, motorcycle, or bike while using your headset/earphones. (It may cause an accident if you turn up the volume of the earphones while walking on streets, especially while using pedestrian crossings.)
- 5. Be careful not to let the player's neck-strap get caught in doors or other obstacles.
- * Optimal Conditions for Use Temperature: 5°C ~ 35°C (23°F ~ 95°F)
 - Humidity: 10%~75%

Troubleshooting

Please check the following if any problems occur while using the device.

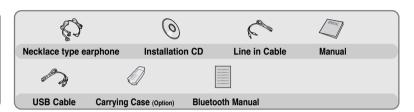
- 1. Not working and nothing appears on the LCD.
- Recharge the built-in battery.
- 2. No sound during playback.
- Check if files are saved in the memory.
- Check if the volume is set to "0".
- Check if the earphone jack is properly inserted.

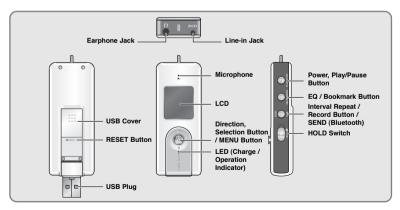
- 3. Buttons don't work.
- Check if "Hold" is locked.
- 4. Unable to download files.
- Check if the product is connected to a PC.
 Check the USB extension
- Check the USB extension cable connection between Device and PC.

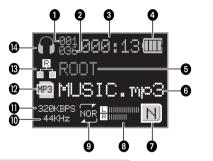
Package Contents and Descriptions

LCD/Charging Battery









- Current Song Number
- 2 Total Stored Songs
- 3 Playback Time Indicator
- 4 Remaining Battery Indicator
- **6** Folder Title Display
- File Name and ID3Tag Information Display
- EQ Mode Indicator
- 8 Level Meter

- Playback Mode Indicator
- Sampling Frequency
- Bit Rate Display
- Pile Format Display
- B Folder Type Display
- Mode Type Display and HOLD Indicator

Charing the battery

* The Bluetooth function does not work during charging.

Using the PC link



- Turn the computer power on and connect the VIODIO to the USB port of computer.
- The Battery Charging LED on the main unit lights up during charging and is turned off when the battery is fully charged (2~3 hours).
- Charging times vary depending on the computer's USB port availability.
- $\ensuremath{\mbox{\#}}$ Connect to a PC for charging after turning off Main unit's power.

Using the adapter

- · Connect the VIODIO to an adaptor.
- The battery will be fully charged within 2 to 3 hours, if it is completely discharged.
- The Battery Charging LED on the main unit lights up during charging and is turned off when the battery is fully charged.
- * The adaptor is optional.

Connecting to a PC

USB Device Driver Installation

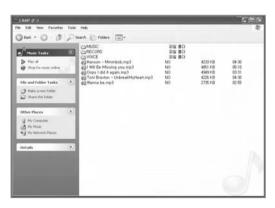
- ▶ The USB Device Driver is only for PCs using the Windows 98/SE OS.
- ▶ Insert the Software Installation CD supplied with the product into the CD-ROM drive. Next, select "USB Device Driver", and the program on the CD will be automatically opened. Press the "Next" Button following the instructions on the installation window.



Connecting to a PC

Minimum Hardware Requirements

- · CPU: Pentium MMX or better
- · OS: Win98SE/ME/2000/XP/Mac/Linux
- · Peripherals : CD-ROM Drive/At least 50MB HDD/ USB Port



- ▶ Power on the VIODIO.
- ► Connect VIODIO to USB Port of PC. "
 Mobile Disk " will be indicated in your
 "Bemovable Disk" Folder
- ► After selecting the files you want to transfer from your PC , drag and drop or Copy it to the VIODIO.



Caution: Do not remove the USB jack while files are transferring.

Connecting to a PC

File Management

- This player is recognized as a 'Removable Disk' folder when it is connected to a PC. There are three folders: MUSIC, VOICE and RECORD.
- MP3. WMA Music files can be saved in any folder.
- asv files created using the Image Editor can be saved in any folder.
- · Voice recording files are saved in the Voice Folder.
- FM recording and encoding files are saved in the Record Folder.
- Up to 512 folders or files can be saved under the the ROOT Directory.



Disconnect the Main Unit from PC.

- Do not disconnect the VIODIO from PC while the data is transferring. If you do, the data will be damaged.
- For disconnection from a PC with Windows2000 / ME / XP, click the 'Disconnect and Remove Hardware' icon on the taskbar at the bottom right of the Monitor Screen to stop the device from running, then disconnect the VIODIO



The file is being transferred. Do not dissconnect VIODIO.



The file transfer is completed. You may disconnect the VIODIO.





BYE-BYE

∩ 22 000:13 🗔

MUSIC.mp3

328KBPS NOR LINE N

₽ ROOT





Power On/Play back



Press the 'Play/Pause' button [▶/■] for 1 ~ 2 Seconds shortly.

Power OFF

Press the 'Play/Pause' button [▶/■] for over 2 seconds. The LCD displays "Bye-Bye" and the power turns off.

HOLD Switch

Push the HOLD switch in the direction of the arrow to disable all buttons.

Playback

For playback of MP3, WMA files, press the 'Play/Pause' button [▶/■].

Music Selection

Push the Jog Key in the reverse direction ◀◀ or the forward direction ▶▶, and the previous song or next song is played.

If you push the Jog Key in the reverse direction ◀◀ within 5 seconds after playback, the previous song is played. If you do it 5 seconds after playback, the current song is played from the beginning.

Push and hold the Jog Key in the reverse direction or foward direction to rewind or fastfoward.

Stop

To stop playback, press the 'Play/Pause' button [▶/■].

To continue playback, press the 'Play/Pause' button [▶/■] again.

Volume Control/Interval Repeat

Bookmarks

13







The volume level runs from 0 to 40.

Push the Volume Control in the (+) direction to increase the volume. Push and hold the Volume Control, and the volume is steadily increased. Push the Volume Control in the (-) direction to decrease the volume. Push and hold the Volume Control, and the volume is steadily decreased.

The maximum volume level may be harmful to your hearing or cause damage to the earphones. Be careful when adjusting the volume.





$\bullet \ \textbf{Interval Repeat REC/A} {\leftarrow} \textbf{B Playback}$

Press the REC/A↔B button at the starting point to repeat during playback.

The icon appears.

Press the REC/A↔B button at the ending point to repeat once again.

The icon is displayed and the selected files are repeated. To stop Repeat, press the REC/A↔B button again.

The icon disappears and the Repeat is cancelled.









● BOOKMARK •

📾 MISIC. mo3

📠 to me danc







Bookmarks

Bookmark Setting

Press and hold the EQ button for a few seconds during playback, and the bookmarks are saved in sequential order.

Search Bookmarks

Press the EQ button while paused, and the Bookmark List appears.

Move to the bookmark using the +/- key of the Jog Button on the front side of the VIODIO and press the FF key ▶▶. The LCD then shows the selected bookmark position.

(Use the button in the same way as for Navigation)

Delete Bookmarks

Press the EQ button while paused, and the Bookmark List appears. Move to the bookmark using the +/- key of the Jog Button on the front side of the VIODIO body and press the EQ button. The selected bookmark is then deleted. To delete all the saved bookmarks, press and hold the EQ button for a few seconds. All bookmarks are then deleted at the same time.



If even one file with a bookmark set in the Mobile Disk is changed with Delete/Move/Add, a NO ENTRY message appears when the file with the bookmark is played. Therefore the bookmark function is only available when the file location is not changed after the file download.

EQ Mode/NavigationEQ

FM Radio







EQ Mode enables users to enjoy the music in a various quality of tones.

Each time the EQ button is pressed the tone quality will change.

NORMAL, ROCK, JAZZ, CLASSICAL, POP, ULTRA BASS, USER EQ, SRSWOW (User-defined Tones)





Navigation

Press the Menu Key and the Navigation Mode is immediately displayed. Search the file to play using the Jog Key and push the Jog Key in the FF ▶▶ direction. The selected file is immediately played.

Move to subfolders

Select a folder and push the Jog Key to the FF ▶▶ direction.

Move to upper-level folders

In the current folder, push the Joa Kev to the REW ◀◀ direction.













• FM Radio (87.5~108.0MHz)

Press the Jog Key for a few seconds, and the Main Menu Window is shown. Select MODE and then select FM Mode using the Jog Key.

* Make sure the earphones are properly connected before using the FM radio. The earphones work as an antenna.

There are two station search modes: Autoscan / Preset.

Press the Jog Key shortly, and two modes are displayed in the order: Autoscan \rightarrow Preset

Autoscan Mode

Push and hold the Jog Key to the REW ◀◀ or FF ▶▶ direction, and stations are automatically searched as the frequencies go up and down. (EX: 89.1 → 91.9MHZ)

Manual Mode

Push the Jog Key to the REW $\blacktriangleleft \blacktriangleleft$ or FF $\blacktriangleright \blacktriangleright$ direction to find the stations that you want to listen to. Frequencies go up or down by 100KHz. (EX: 91.8 \rightarrow 91.9)

Preset Search Mode

Push the Jog Key to the REW ◀◀ or FF ▶▶ direction, and stations are automatically searched as the Preset Numbers go up and down. (① 93.1 → ② 95.9 → ③ 97.3)

Save Channels

Press the SEL button in the center of the side of VIODIO; the channel numbers appear and the relevant frequencies are saved.

Delete Channels

Press the SEL button with channels selected, and the channel numbers and relevant frequencies are deleted.

Automatic Search and Save Function

Press and hold the SEL button for a few seconds; frequencies are automatically searched and up to 20 preset numbers are saved.

FM Recording















• FM Recording

Press the REC button while listening to FM radio, and the player starts recording.

Pause during Recording

Press the Play/Pause button [►/■] during recording, and the recording is paused. Press the button again, and the recording is resumed.

File names flash during the Pause state.

Finish Recording

Press the REC button shortly during recording; the recording is stopped and recorded files are automatically created and saved in the Record folder. Recording time is indicated during the process. When the recording time limit (depending on memory capacity) is exceeded, recording is automatically stopped and the file saved until the recording time limit is used up.

★ Recording Time (based on 256MB)

128 kbps (4 hours), 64 kbps (9 hours), 32 kbps (18 hours), 16 kbps (36 hours)

☐ How to Record













Voice Recording

Press and hold the REC button for a few seconds, and Recording Mode is started. Press and hold the REC button in Recording Mode, and recording is started.

Pause Voice Recording

Press the Play/Pause button $[\blacktriangleright/\blacksquare]$ during recording, during recording to pause. Press the button again to resume recording is resumed.

File names flash during the Pause state.

Finish Voice Recording

Press the [REC] button shortly during recording; recording is stopped and recorded files are generated in the Voice folder.

Recording time is indicated during the process. When the recording time limit (depending on memory capacity) is exceeded, recording is automatically stopped and the file saved until the recording time limit is used up.

External Input Recording











• External Input Recording (Line in Recording) Mode Setting

Connect the Line-In cable to the Line-IN Jack of the external device and VIODIO.

External Input Recording Mode Setting

Press and hold the Jog Key for a few seconds, and the Main Menu will appear. Select the Encoding Mode from among the MODE menus and press the Jog Key.

External Input Recording

Press the Record button [REC] shortly during playback, and recording is started. Press the Play/Pause button [▶/■] to stop recording.

Finish External Input Recording

Press the Record button [REC] shortly during recording; recording is stopped and the recorded file is generated in the Record folder.

Recording time is indicated during the process. When the recording time limit (depending on memory capacity) is exceeded, recording is automatically stopped and the file saved until the recording time limit is used up.

For external input recording, turn the external device volume up. If the recording volume is low, the volume of the recorded file may be low after recording.

4+ OF PP • DI









H⊡ RADIO.

H⊡ AUDIO

O VOICE







How to Use Program

How to Use Program

Start the Program Mode
Select MENU → CONTROL → PROGRAM, and the Program Mode is displayed.

Create Program

Select file names to add to the list in Navigation Mode and press the EQ button shortly. The files are then added to the program in sequence.

Press the Jog Key on the VIODIO in PROGRAM Mode shortly, and the File List is shown. At this point, you can select any files you want to add to the program and so create the program.

Play Program

Move to a program file using the +/- key of the Jog Key in PROGRAM Mode and press the FF Key ▶▶. Only the files on the program will then be played. During playback of the program files , the File Icon is displayed as a PROGRAM ICON on the window.

Delete Program

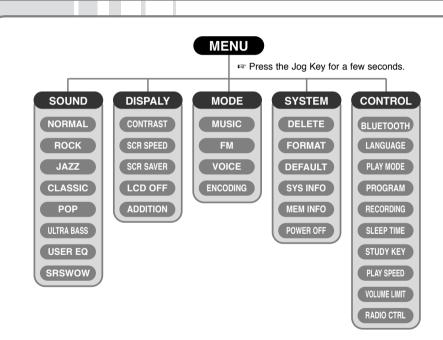
Move to a program file using the +/- key of the Jog Key in PROGRAM Mode and press the EQ button. The files in the relevant program are then deleted from the list. To delete all saved lists, press and hold the EQ button for a few seconds, and all lists will be deleted at the same time.

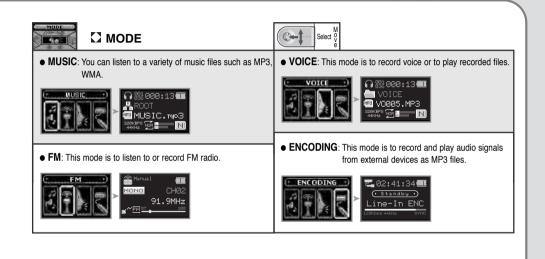
Exit Program Mode

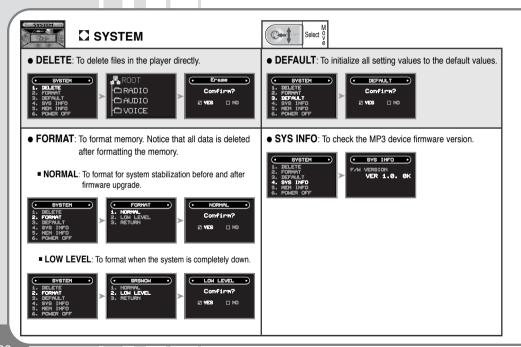
To return to Normal Mode, go to NAVIGATION Mode and select files. The Program Mode is then released. In other words, go to Navigation Mode and select other files during playback, and the mode will be changed to NORMAL Mode. During Play back, the file icon is indicated as " PROGRAM ICON"

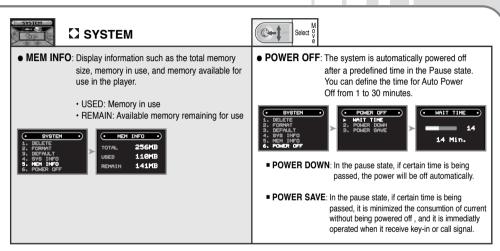
MENU Structure

How to Use MENU











CONTROL

• LANGUAGE: Select the relevant language for correct display of ID3TAG information or lyrics.



LANGUAGE •) AFRIKAANS
2. ALBANIAN
3. BLLGARIAN 4. CHINESE SIM 5. CHINESE TRA 6. CROATIAN



PLAY MODE: Set the Play Mode that you want.

Select Control in the Main Menu and then Play Mode. Next. select the Play Mode that you want.



■ PLAY MODE

NORMAL Play each file in order in DIR once .

PLAY MODE

REPEAT Repeat files in DIR

SHUFFLE DIR Randomly repeat files in DIR once

NORMAL ALL Plav all files once in order

REPEAT ALL Repeat all files

SHUFFLE ALL Randomly play all files once

REPEAT 1 Repeat one file

INTRO Play all files in DIR for 10 seconds per file



CONTROL

PROGRAM: Select and play files that you want to listen to.

· How to Set Program(File Sequence)

Press the Jog Key shortly, and the Navigation Mode appears.

Select files that you want using the Jog Key. Next, designate the selected files by pressing the EQ button shortly.

· How to Play Programs in Order

Select MENU → CONTROL → PROGRAM by pressing the Jog Key for a few seconds, and the Program List is shown.

Select the files that you want and push the Jog Kev in the FF(▶▶) direction. The files are then played in the order specified in the Program List.









■ BITRATE: Set the sound quality as desired.

For low Bit Rates, the file sizes are small, but the sound quality is poor. For high Bit Rates, the sound quality is better but the file sizes are larger so that the available recording time is reduced.

recording, FM recording and voice recording.





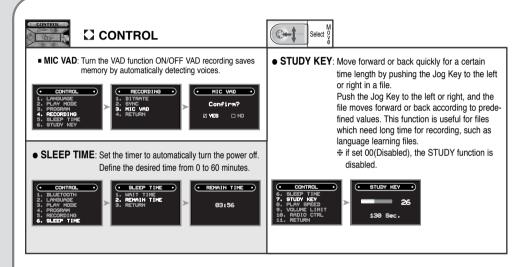


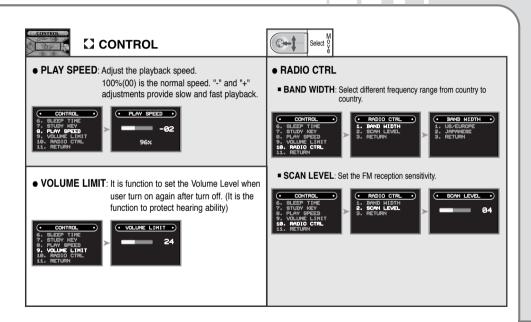
■ SYNC: While in SYNC, VIODIO automatically detects pauses in between songs during encoding (recording) and saves each song separately.

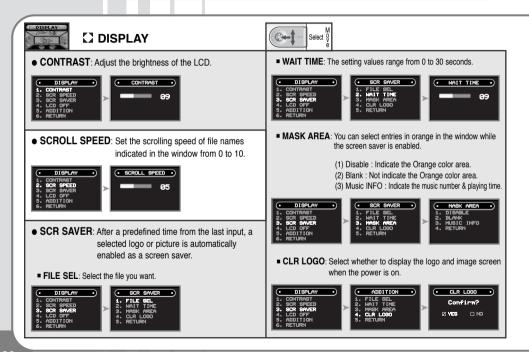


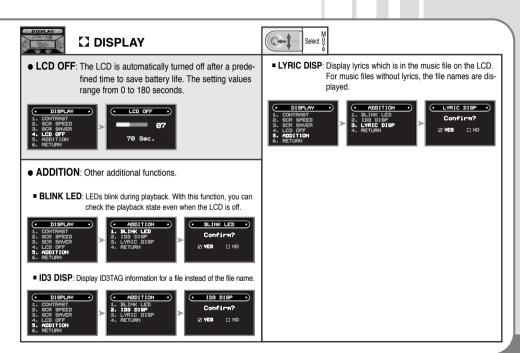












How to Upgrade Firmware



SOUND

 SOUND: Select the tone quality suitable for each genre.
 NORMAL, ROCK, JAZZ, CLASSICAL, POP, ULTRA BASS



USER EQ: You can adjust the tone quality desired from bass to treble

Select the Band values by moving the Jog Key to the left or right, and set the values.





 SRSWOW: 2-channel headphones or speakers can only implement stereo sound. However, SRS sound can express more advanced sound than stereo sound. It emulates multi-speaker directional sound that cannot be produced with conventional stereo sound.



■ TURN ON: Turn SBSWOW ON/OFF



■ SRS: Adjust 3D sound effects.



■ TRUBASS: Emphasize the bass.



■ FOCUS: Emphasize the sensitivity of trebles and tones.



How to Use the Latest Functions from Firmware Upgrade

* Download the latest firmware revisions from the Web site and save them in the player.

Note that firmware upgrade files need to be saved in the Root Directory. Turn the player's power off and restart the player, and the firmware is automatically upgraded.



Make sure that the battery is sufficiently charged to process the upgrade.

If the power goes off during upgrading because of a low battery level, it may cause serious damage to the product.

Note that you need to check the power level to prevent interruption during upgrade.

■ For more details on firmware upgrade, refer to the homepage.

* Root Directory: The highest directory level, including all directories and files.

Specifications

Specifications

	Items	Specifications		
Audio	No. of Channels Frequency Range Headphone Output Signal to Noise Ratio	Stereo (Left and Right) 20Hz ~ 20KHz Left::12mW + Right::12mW (Maximum Volume) Over 90dB (Filter applied)		
FM Radio	Frequency Range Signal to Noise Ratio	76.0MHz ~ 108MHz (selectable) 50dB		
Files Supported	Decoding Files Encoding Files Bit Rate Tag	MPEG 1/2/2.5 Layer3, WMA MP3 MP3:16Kbps ~ 320Kbps, VBR (Variable Bit Rate) WMA: 32Kbps ~ 192Kbps ID3 V1 Tag, ID V2 Tag		
General Dimensions	Size (W X H X D) Weight Approx. 31.4 X 80 X 15mm Approx 44g (including battery) Playback Time (Music File) Playback Time (FM Radio) Language Approximately 24 hours (based on Vol 20) Approximately 24 hours (based on Vol 20) Multilingual Support			
Bluetooth	Carrier Frequency 2400MHz to 2483.5MHz(USA, Europe) Modulation Method GFSK, 1Mbps, 0.5BT Gaussian Transmission Power Typ. 1.0 dBm Hopping 1600hops/sec, 1MHz channel space By Sensitivity Typ. 33.0dBm			

Warranty

The warranty is effective for one year.

Service Information

- VIODIO provides a product warranty as described below by item, in accordance with the Consumer Damage Compensation Regulations.
- If the product malfunctions, please contact your vendor for a speedy response.

Product VIODIO MP3 Player

Mode VMP407

Purchase Date

Vendor

VIODIO MP3 Player

VMP407

Consumer's Name

Consumer's Address

This warranty has to be submitted in order to obtain repair. This warranty will not be reissued, so please keep it in a safe place.

Free Service

- Free service only applies for malfunctions that occur within one year (the Warranty Period) from the date when you purchased it.
- If you use normal products for any commercial purposes, the warranty period is reduced to six months.
- This product is manufactured using strict quality management and inspection procedures.

If the product malfunctions during normal use, your vendor or the head office service center will provide free service during the Warranty Period.

Charged Service Conditions:

- If the product is not damaged
 If you request a service and the product turns out not to
 be damaged, you will be charged for our costs. Therefore
 please read the user manual carefully.
- If the product is damaged as a result of consumer error
- If the product is damaged as a result of consumer negligence or unauthorized repair or alteration.
- If the product is damaged as a result of the use of an incor-rect power rating

EG) if excessive or insufficient voltage (outside our specifica-tion range) is used.

- If the product is damaged by being dropped
- If the product is damaged as a result of the use of unautho-rized accessories or optional extras

Other Causes

- If a product is damaged as a result of natural calamity (fire, salt water, water flood)
- When the normal lifespan of consumable items has expired (battery, power supplies, adapter, etc)

Therefore please keep the warranty together with the user manual in a safe place.